RAW SEQUENCE LISTING

PATENT APPLICATION   US/09/685,403

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TITLE OF INVENTION: NON-TRANSGENIC HERBICIDE RESISTANT PLANTS

C--> 13 <140> CURRENT APPLICATION NUMBER: US/09/685,403
C--> 13 <141> CURRENT FILING DATE: 2000-10-10

<130> SOFTWARE: PatentIn for windows Version 3.0

<213> ORGANISM: Arabidopsis Thaliana

<400> SEQUENCE: 1

RAW SEQUENCE LISTING
PATENT APPLICATION   US/09/685,403

Input Set   A:\7991086
Output Set   N:\CRF3\10192000\I685403.raw

<210> SEQ ID NO: 2
<211> LENGTH: 230
<212> TYPE: PRT
<213> ORGANISM: Arabidopsis thaliana
<400> SEQUENCE: 2

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1   5   10   15
Ile Ser Asn Leu Ser Lys Ser Ser Gln Arg Lys Ser Pro Leu Ser Val
            20   25   30
Ser Leu Lys Thr Gln Gln His Pro Arg Ala Tyr Pro Ile Ser Ser Ser
        35   40   45
Trp Gly Leu Lys Lys Ser Gly Met Thr Leu Ile Gly Ser Glu Leu Arg
    50   55   60
Pro Leu Lys Val Met Ser Ser Val Ser Thr Ala Glu Lys Ala Ser Gln
65   70   75   80
Ile Val Leu Gln Pro Ile Arg Glu Ile Ser Gly Leu Ile Lys Leu Pro
                85   90   95
Gly Ser Lys Ser Leu Ser Asn Arg Ile Leu Leu Leu Ala Ala Leu Ser
            100   105   110
Glu Gly Thr Thr Val Val Asp Asn Leu Leu Asn Ser Asp Asp Ile Asn
        115   120   125
Tyr Met Leu Arg Ala Leu Lys Arg Leu Gly Leu Asn Val Glu Thr Asp
    130   135   140
Ser Glu Asn Asn Arg Ala Val Val Glu Gly Cys Gly Gly Ile Phe Pro
145   150   155   160
Ala Ser Ile Asp Ser Lys Ser Asp Ile Glu Leu Tyr Leu Gly Asn Ala
                165   170   175
Gly Thr Ala Met Arg Pro Leu Thr Ala Ala Val Thr Ala Ala Gly Gly
                180

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Ile Gly Asp Leu Val Val Gly Leu Leu Glu Leu Gly Ala Asp Val Ala

Tyr Thr Leu Gly Thr Asn Cys Pro Pro Val Ser Val Arg Ala Asn Gly

Gly Leu Pro Thr Gly Lys Val Lys Leu Ser Gly Ser Ile Ser Ser Gln

Thr Leu Thr Ala Ala Leu Leu Met Ser Ala Ser Leu Ala Leu Gly Arg Val

Leu Leu Ser Ile Val Asp Leu Leu Leu Ser Val Leu Ile Val Glu Met

Thr Leu Lys Leu Met Glu Ala Thr Phe Gly Val Ser Val Gln His Ser Asp

Ser Trp Asp Arg Phe Ile Val Lys Gly Gly Gly Leu Lys Leu Ser Pro

Gly Asn Ala Thr Val Gly Gly Asp Ala Ser Ser Ala Lys Lys Phe Leu

Ala Gly Ala Ala Ile Pro Gly Gly Thr Val Ile Val Pro Gly Cys Gly

Thr Thr Ser Leu Gln Gly Asp Val Lys Phe Ala Glu Val Leu Glu Lys

Met Gly Cys Lys Val Ser Trp Thr Glu Asn Ser Val Thr Val Thr Gly

Pro Pro Arg Asp Ala Phe Gly Met Arg His Leu Arg Ala Ile Arg Val

Asn Met Asn Lys Met Pro Asp Val Ala Met Thr Leu Ala Val Val Ala

Leu Phe Ala Asp Gly Pro Thr Thr Ile Ala Asp Val Ala Ser Trp Arg

Val Lys Glu Thr Glu Arg Met Ile Ala Ile Cys Thr Glu Leu Arg Lys

Leu Gly Ala Thr Val Glu Glu Gly Ser Asp Tyr Cys Val Ile Thr Pro

Pro Lys Lys Val Lys Thr Ala Glu Ile Asp Thr Tyr Asp Asp His Arg

Met Ala Met Ala Phe Ser Leu Ala Ala Cys Ala Asp Val Pro Ile Thr

Ile Asn Asp Ser Gly Cys Thr Arg Lys Thr Phe Pro Asp Tyr Phe Gln

Val Leu Glu Arg Ile Thr Lys His

INFO SEQ ID NO: 4
INFO LENGTH: 34
INFO TYPE: PRT
INFO ORGANISM: Arabidopsis thaliana
INFO FEATURE:
INFO NAME KEY: CDS

file: C:\CRF3\Outhold\srf1685403.htm   10 19 00

RAW SEQUENCE LISTING
PATENT APPLICATION   US/09/685,403

A:\7991086
N:\CRF3\10192000\1685403.raw

Leu ... Asn Ala Ala Ile Ala Met Arg Pro Leu
                                        10

SEQ ID NO: 3
LENGTH: 33
TYPE: DNA
ORGANISM: Arabidopsis thaliana
SEQUENCE: 3
Leu Gly Asn Val Ala Ile Ala Met Arg Pro Leu
                                        10

SEQ ID NO:
LENGTH: 33
TYPE: DNA
ORGANISM: Arabidopsis thaliana
FEATURE:
NAME/KEY: CDS
LOCATION: (1)..(33)
SEQUENCE:
Leu Gly Asn Ala Gly Ile Ala Met Arg Pro Leu
                                        10

SEQ ID NO: 5
LENGTH: 11
TYPE: PRT
ORGANISM: Arabidopsis thaliana
SEQUENCE: 5
Leu Gly Asn Ala Gly Ile Ala Met Arg Pro Leu
                     5   10

SEQ ID NO:
LENGTH: 33
TYPE: DNA
ORGANISM: Arabidopsis thaliana
FEATURE:
NAME/KEY: CDS
LOCATION: (1)..(33)
SEQUENCE:
Leu Gly Asn Ala Ala Ile Ala Met Arg Pro Leu
                     5   10

SEQ ID NO:
LENGTH: 11
TYPE: PRT
ORGANISM: Arabidopsis thaliana
SEQUENCE:
Leu Gly Asn Ala Ala Ile Ala Met Arg Pro Leu
                                        10

SEQ ID NO:
LENGTH: 33

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RAW SEQUENCE LISTING                    DATE: [illegible]
PATENT APPLICATION  US/09/685,403       TIME: [illegible]

Input Set   A:\7991086
Output Set  N:\CRF3\10192000\I685403.raw

<213> ORGANISM: Arabidopsis thaliana
<220> FEATURE:
<221> NAME/KEY: CDS
<222> LOCATION: (1)...(33)
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1               5                   10
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<400> SEQUENCE: 10
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1               5                   10
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1               5                   10
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<211> LENGTH: 11
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1               5                   10
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<213> ORGANISM: Arabidopsis thaliana
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<221> NAME/KEY: CDS
<222> LOCATION: (1)...(33)
<400> SEQUENCE: 13
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Leu Gly Asn Ala Ala Ile Ala Met Arg Ser Leu
1               5                   10
<210> SEQ ID NO: 14
<211> LENGTH: 11
<212> TYPE: PRT
<213> ORGANISM: Arabidopsis thaliana
<400> SEQUENCE: 14
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION N   US/09/685,403

Input Set: A:\7991086
Output Set: N:\CRF3\10192000\1685403.raw